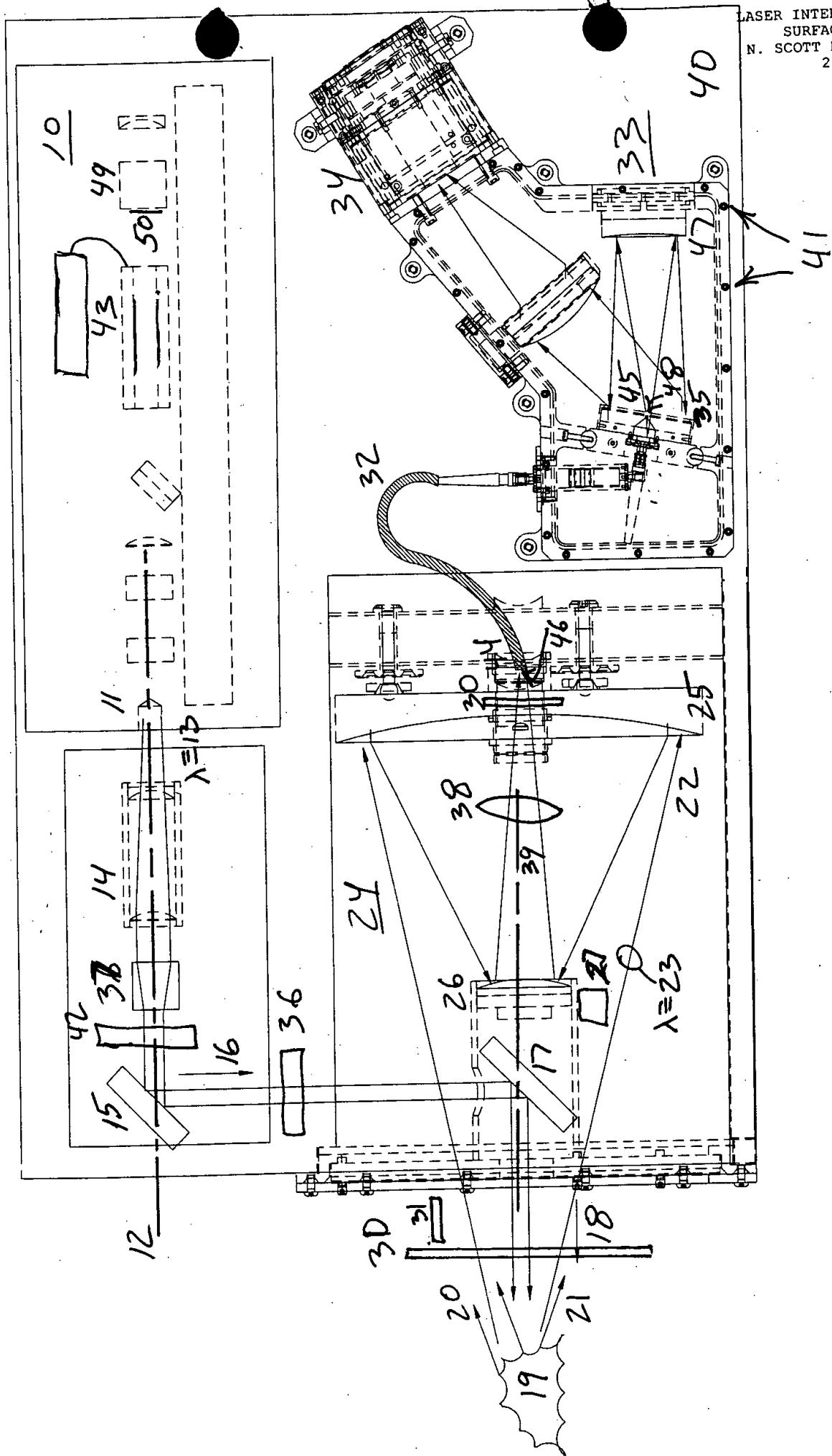


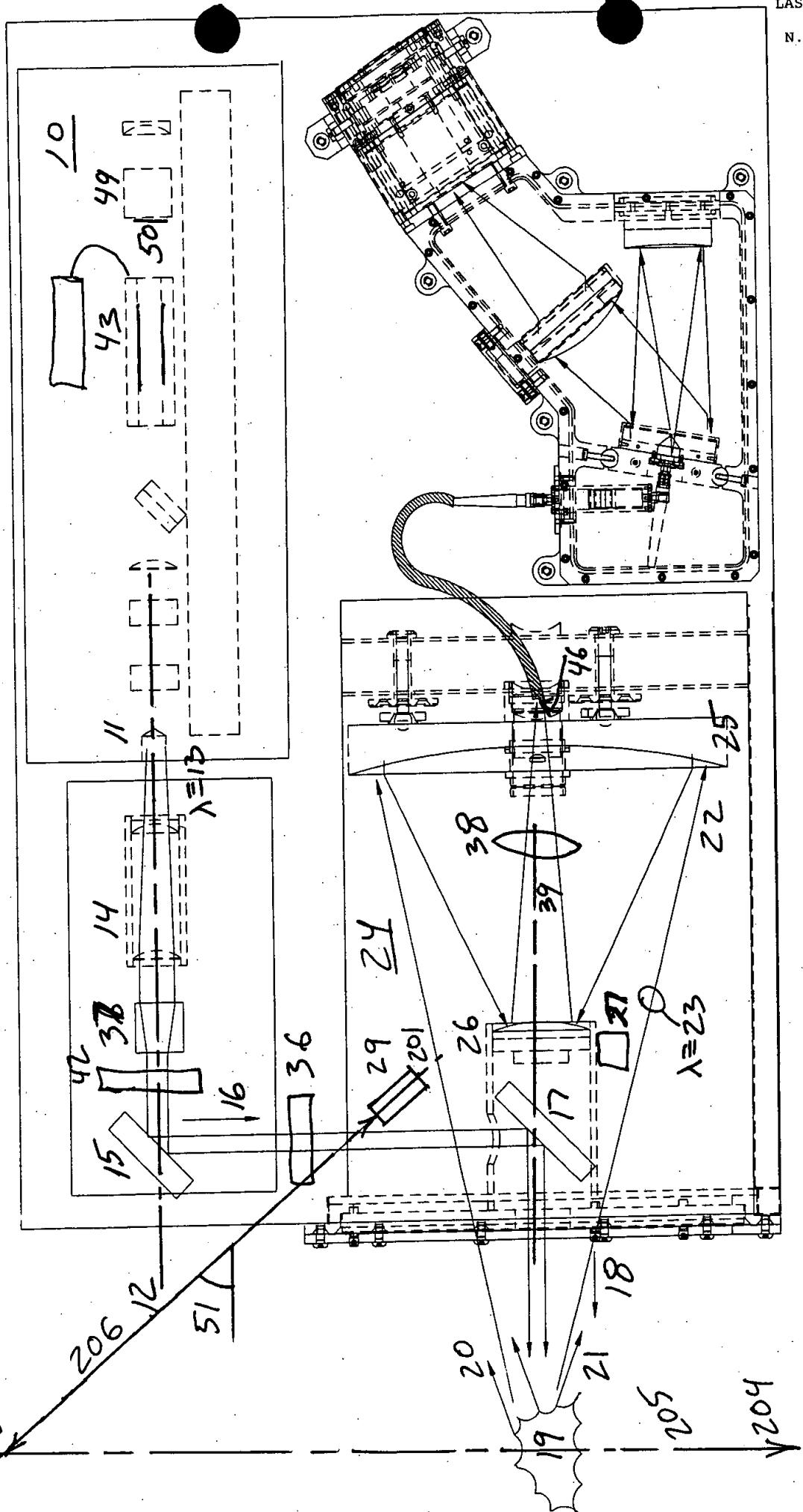
2003-TEU-20086900



LASER INTERROGATION OF
SURFACE AGENTS
N. SCOTT HIGDON et al.
2651-108

Fig. 1

2003 TEB = 223336000



LASER INTERROGATION OF
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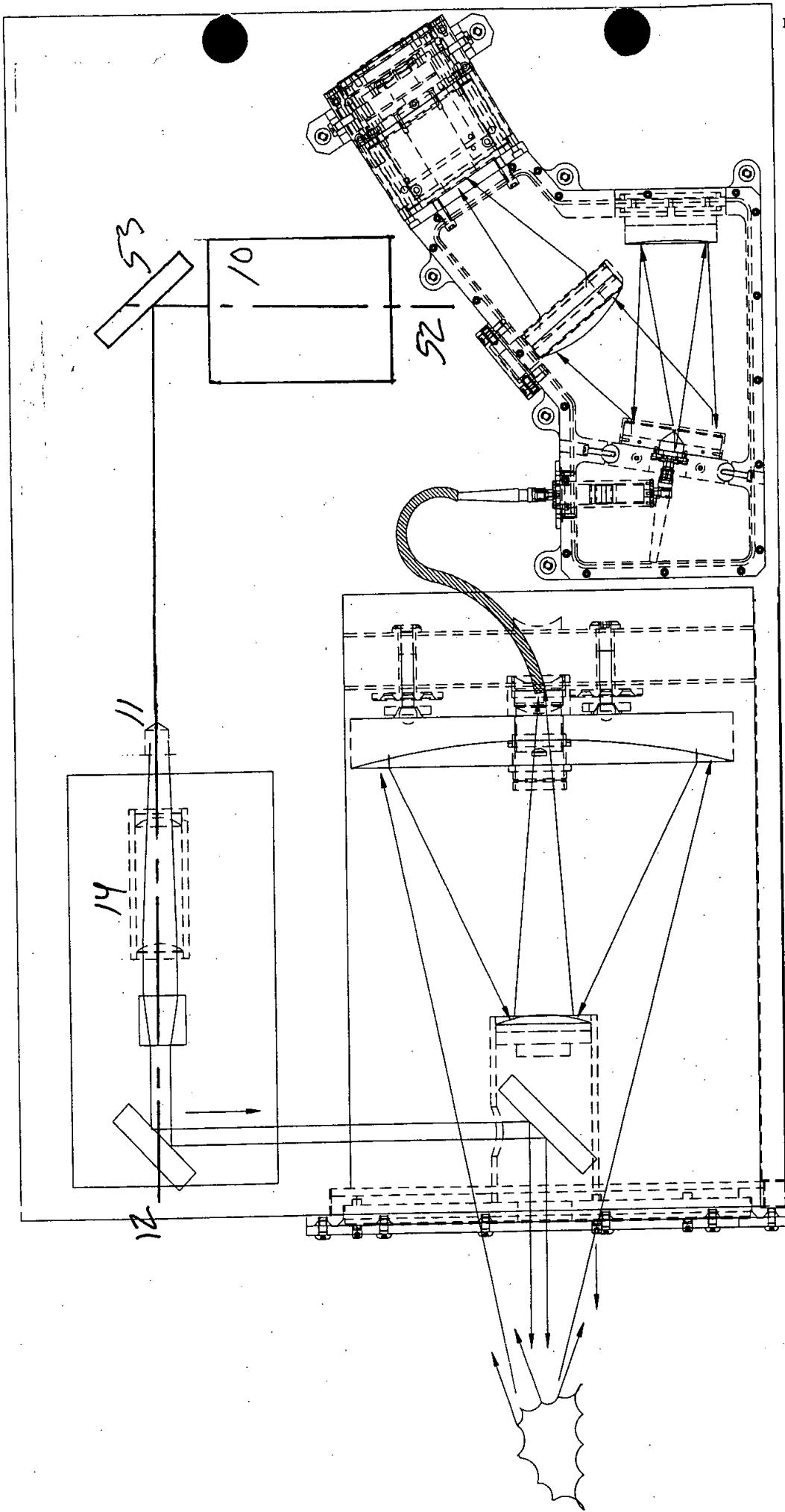
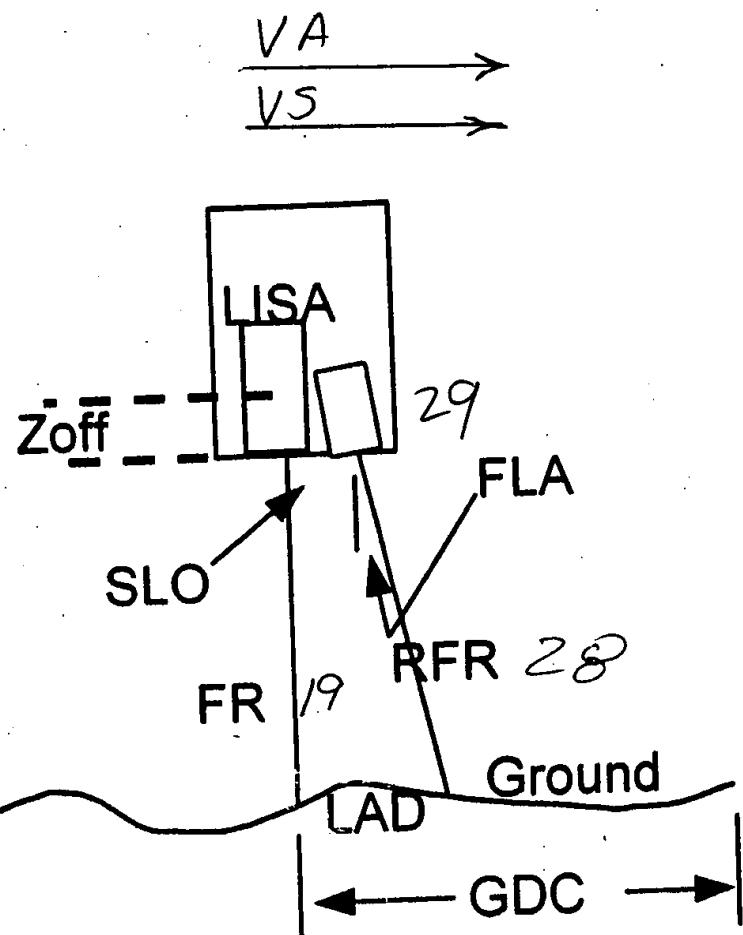


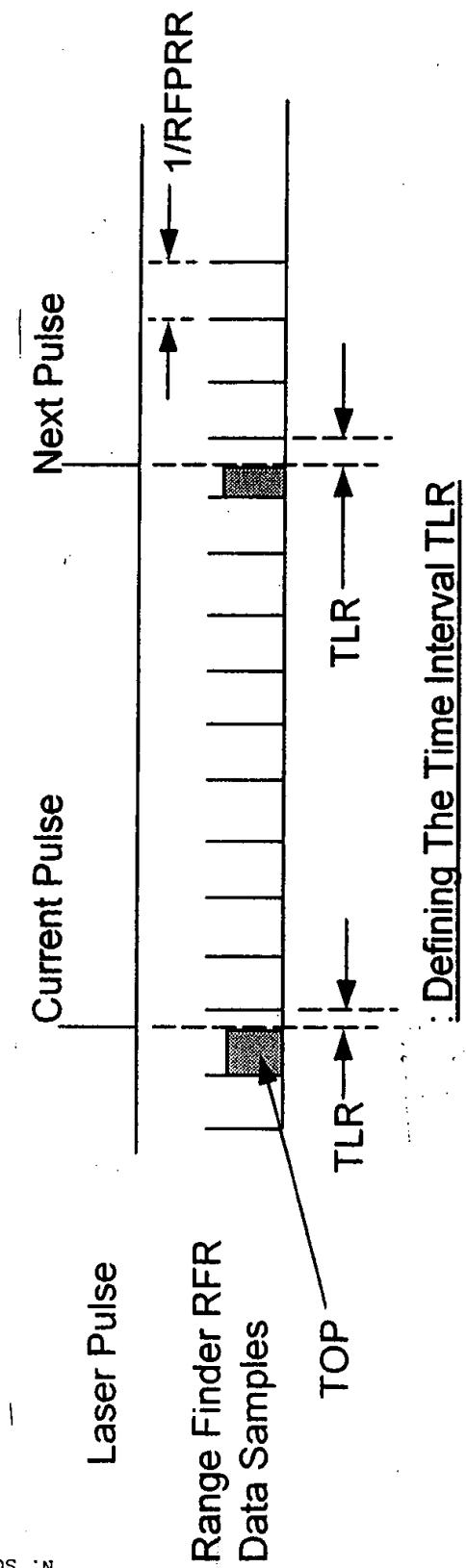
Fig. 3

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: Sketch of Key
Geometric Parameters

FIG. 4



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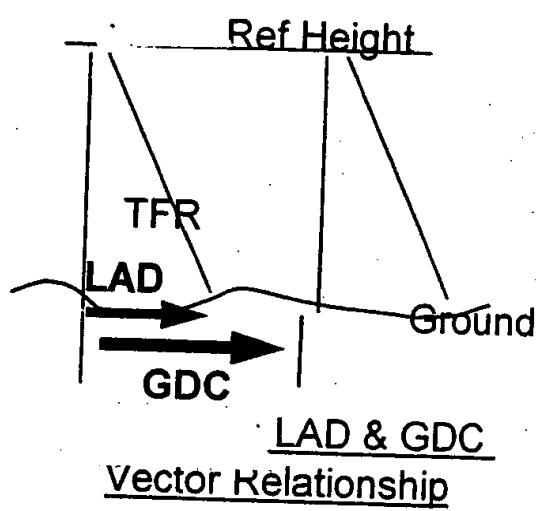


FIG. 6

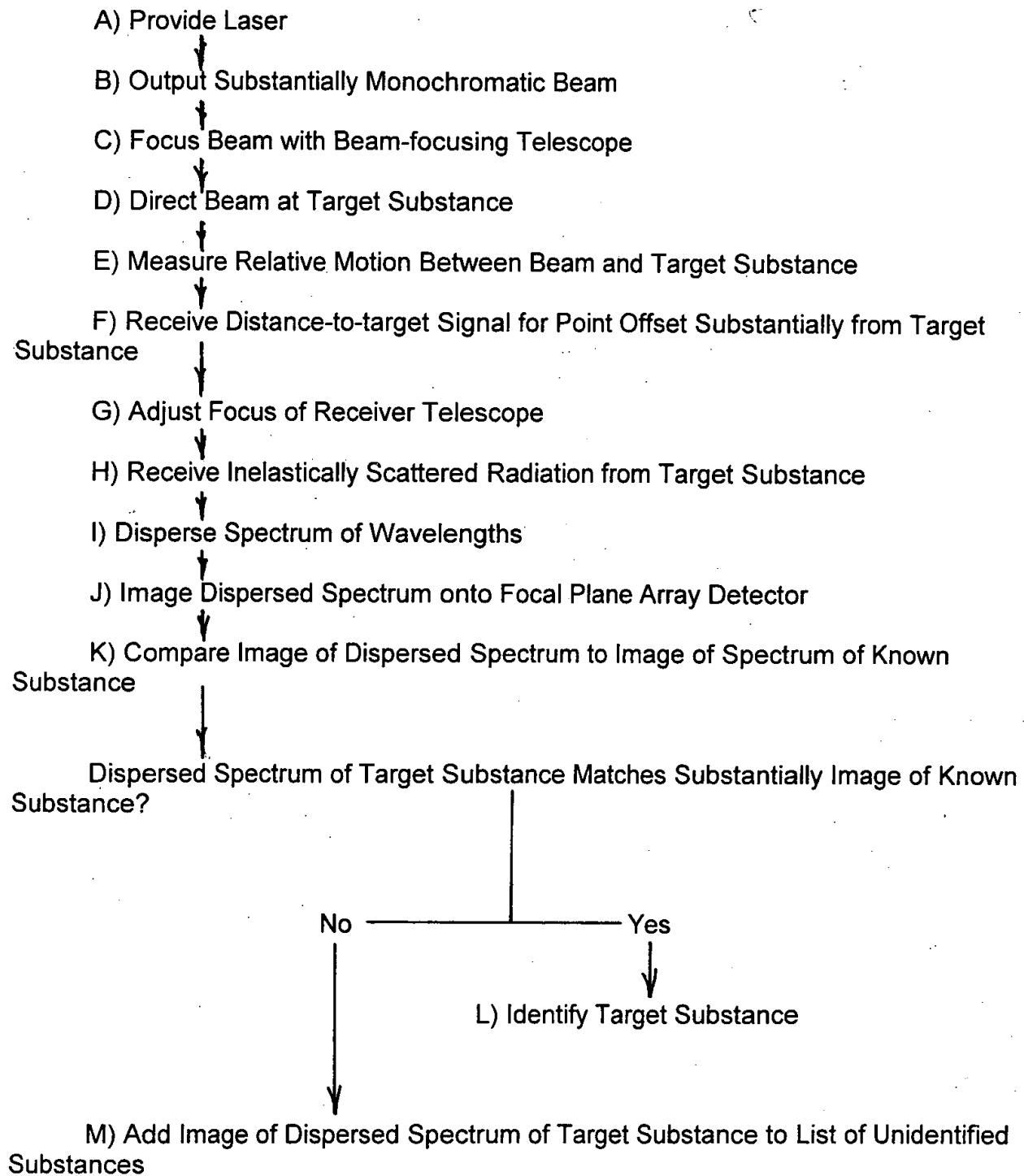


Fig. 7

- A) Provide Laser
- ↓
- AA) Disengage On-board Cylinder
- ↓
- AB) Release On-board Cylinder Retainer
- ↓
- AC) Remove On-board Cylinder
- ↓
- AD) Install New On-board Cylinder

Fig. 8

- AAA) Indicate Low Gas Bottle Pressure
- ↓
- AAB) Lock On-board Valves Shut
- ↓
- AA) Disengage On-board Cylinder

Fig. 9

- AD) Install New On-board Cylinder
- ↓
- ADA) Purge Gas Lines by Releasing Gas from Cylinder
- ↓
- ADB) Vent Gas Through On-board Gas Filter
- ↓
- ADC) Replenishing Gas of Laser

Fig. 10

- B) Output Substantially Monochromatic Beam
- ↓
- BA) Setting Pulse Rate of Laser

Fig. 11

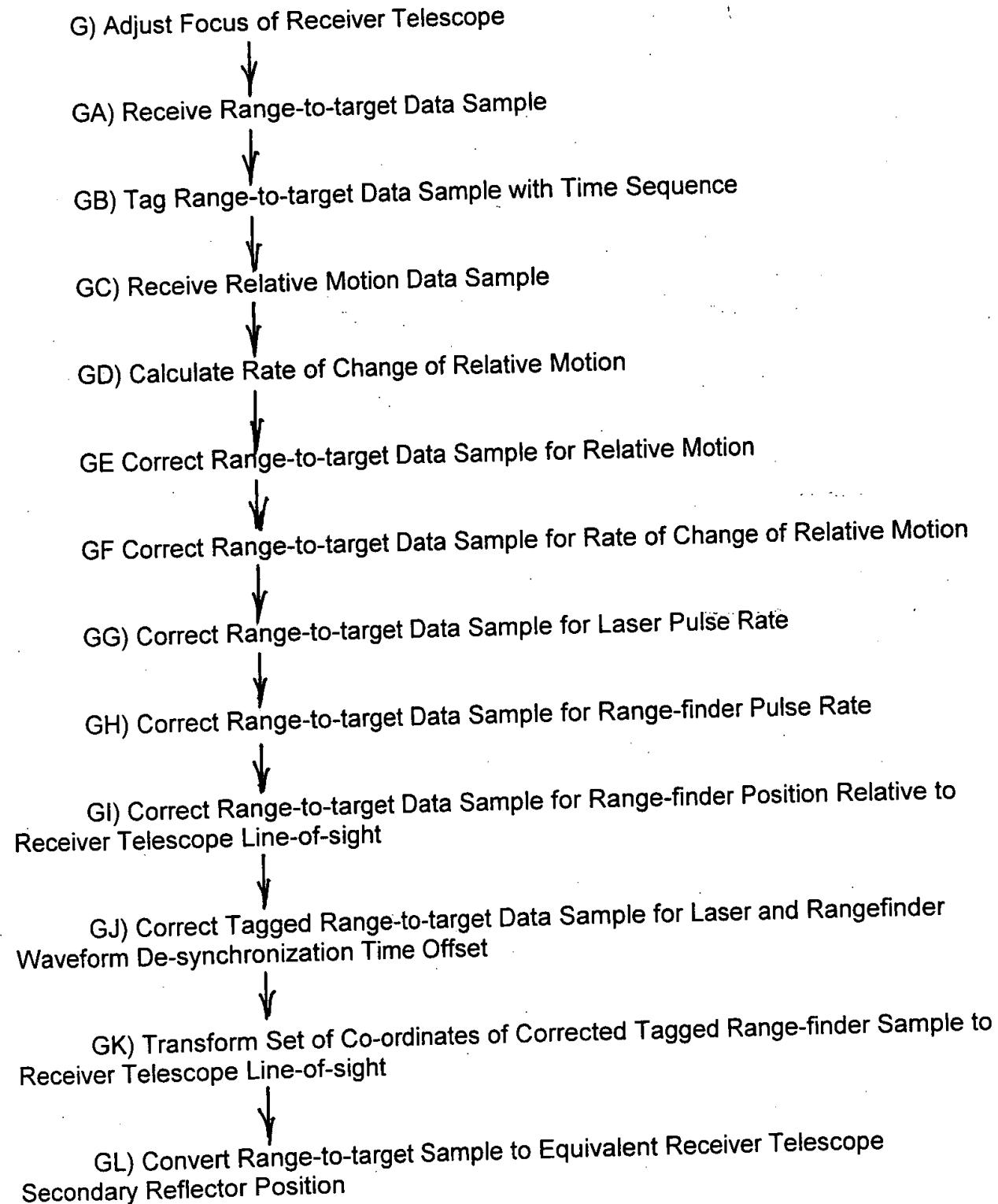


Fig. 12